

MORE Science at UTSA

Environment Science and Engineering

Spring 2007 Seminar Series

Where: Loeffler room (3.03.02) in the BioScience Building

When: 4:00 PM – 5:00 PM on February 23, 2007

Snack and drinks will be served

Speaker: Dr. Thorsten Markus



Dr. Markus is a research scientist at NASA Goddard Space Flight Center (GSFC), Greenbelt, Maryland (http://polynya.gsfc.nasa.gov/seaice_people.html). He received his MS and PhD degrees in physics from the University of Bremen, Germany in 1992 and 1995, respectively. After that, he joined NASA GSFC as an NRC post-doc. His research focuses on the remote sensing of the polar oceans (especially using passive microwave sensors) and the utilization of satellite data to study polar processes. He is a Science Team member for the EOS Aqua AMSR-E and ICESat GLAS instruments.

Topic: Monitoring polar climate change from space

The recent drastic changes in the Arctic sea ice cover have drawn significant media attention as part of the discussions on global warming. Most of those changes have been observed from polar orbiting satellites. This talk will give an overview on how processes in the polar oceans affect the global climate and what relevant information can be retrieved from satellites.